



BATTERY ASSOCIATES

BATTERYMBA

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Open to all battery enthusiasts

www.battery.mba

BatteryMBA is not a Master's in Business Administration.



Join B.A as
a 'Company
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WHY CHOOSE THIS COURSE

Online, bespoke, and impactful: BatteryMBA is a global training course for aspiring battery experts who want to (1) understand pressing issues in the battery space; (2) increase their technical and market-driven knowledge of battery-relevant topics; and (3) grow their network of battery experts. Our 12-week online programme combines live online lectures, networking events with battery specialists, access to past lecture recordings, small group discussions, presentations, and battery-focused case study analyses.

Quality instructors: Lecturers have experience in leading industry names like Tesla, SVOLT, QuantumScape, Octopus EV, Fluence, Hitachi Energy, AVL, AMTE Power, Glencore, CNRS, Iberdrola, University of Oxford, and others. Their expertise span both research and industry-focused sectors, and Q&A sessions guarantee networking opportunities with all lecturers.

Global, trusted, and certified: Our 390+ alumni are based in 40+ countries in 5 continents and our network is continuously growing. The course is certified by UK CPD Certification Service, and we are proud to see that 95% of alumni recommend this course.

Visit: <https://cpduk.co.uk> to learn more about our UK accreditation.



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WHAT WE OFFER

'Meet The Leader' lectures:

The programme includes 12 live sessions, including 10 live lectures and 1 roundtable with industry leaders. All sessions include Q&A.

Weekly Office Hours:

Join weekly discussions on battery topics, with presentations from BatteryMBA participants, moderated by Dr. Simon Engelke and his team.

Access to past lectures:

Admission in the programme includes access to a library of 80+ hours of past lecture recordings (see lecture topics below).

Case Study Track & other optionals:

Participants can choose a number of optional add-ons, including: joining the Case Study Track and writing a Whitepaper.

Lifetime alumni network:

We developed BatteryMBA with a focus on building a global network of battery professionals. Our 390+ alumni are based in 40+ countries.



Accessible & Flexible:

The programme is catered to full-time professionals and advanced students alike. Our schedule is compatible with full-time employees, with a flexible weekly commitment of approximately 2-3 hours. Live lectures are recorded for participants who can't access live sessions.

PROGRAMME OVERVIEW

- Duration: 12 weeks
- 3 live sessions per week
- Case Study analyses
- 3 cohorts a year:
 - January - March
 - May - July
 - September - December

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COURSE STRUCTURE

Session	Session details	Schedule
Introduction & Networking session	Introductory session followed by networking activities for all participants	Monday at 6PM (first Monday of the programme)
'Meet the Leader' Live lectures	10 live lectures followed with Q&A with industry leaders	Mondays at 6PM
Office Hour 1	Weekly discussions, presentations, and case study presentations by BatteryMBA participants	Thursdays at 6PM
Office Hour 2	Weekly discussions, presentations, and case study presentations by BatteryMBA participants	Fridays at 10AM
Career Session	Live session with career or recruitment specialists	Mid term
Networking Sessions	Networking events with all BatteryMBA alumni	Two live sessions
Roundtable Discussion	Debate and discussion with leading battery and energy experts in an interactive format	Monday at 6PM (last Monday of the programme)
Graduation Event	Certificate ceremony and overview of programme takeaways	Saturday at 6pm (Programme end date)

*All times are in CET

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OPTIONAL CASE STUDY TRACK

In 2022, BatteryMBA launched an optional case study track available to all BatteryMBA participants. Joining the case study track is optional, and represents an additional 4-5 meetings and individual & group work (approx. 2 hrs per week, or 15-25 hrs over 12 weeks).

Case Study track Objectives: Using the case study methodology, participants review several cases before joining a team of 2-4 people to write and present their own case study.

Session	Session details	Schedule
Introductory meeting	Session objectives: <ul style="list-style-type: none"> - Present case study track timeline - Present cases analysed in meetings 2 & 3 - Explore topics of synergies & interest for group work 	Week 2
2nd meeting	Case study 1: discussion & analysis HBS case analysis [2 hr individual prep time and 1 hr case study session]	Week 3
3rd meeting	Case study 2: discussion & analysis INSEAD case analysis [2 hr individual prep time and 1 hr case study session]	Week 4
Case Study Writing Prep	Session objectives: What makes a good case study & group work? Case work review.	Week 5
Additional meetings Independent & Group Work	Preparatory meetings; independent & group work [2-3 hours per week for 5 weeks; approx. 10-15 hrs total]	Week 5-10
Case study presentations	Presentation of group case studies during office hours	Week 10-12

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PREVIOUS LECTURES (ACCESSIBLE TO ALL)

SEPTEMBER - DECEMBER 2023

Lecture topic

Lecturer

Battery Market Trends

Nathan Niese
Partner & Associate Director at
Boston Consulting Group



Battery Cell Design Improvements

Israel Temprano
Senior Research Associate at
University of Cambridge



The journey to Decarbonisation: Biomining a
Clean-Tech Solution

Homayoun Fathollahzadeh
Senior Research Fellow - Critical
Minerals Consultant



Battery Anode Production and Innovation

Dr. Heinrich Badenhorst
CSO at CarbonScape Ltd.



Innovations in Cell Manufacturing Quality
Management

Alicja Gos & Nicolina Nanni
Senior Engineer & Head of
Product at Liminal



Battery Integration & BMS

Dr. Bahareh Yazdani & Gary
Bumfrey
Global Head of Batteries & Principal
Engineer at Ricardo PLC



Challenges and the Strategy Going Forward
for the Battery Industry

Lee Byung Kon
Manager, Business Dev, Cylindrical
Batteries at LG Energy Solution



Maritime Leisure Electrification Vessel

Carlos Freire
Marine Batteries and Onboard
Electronics | Management



Battery Recycling: A Key Enabler for
Sustainable Electric Mobility

Benedicte Robertz &
Bart Verrecht
Program lead LCA & Manager
Battery Recycling at Umicore



Scaling Investment in Battery Supply
Chains

Dr. Lauren Pamma
Director at Green Finance
Institute



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PREVIOUS LECTURES (ACCESSIBLE TO ALL)

MAY - JULY 2023

Lecture topic

Lecturer

Battery Market Trends

Evelina Stoikou
Senior Associate, Energy
Storage at BloombergNEF



Responsible Sourcing of Cobalt

Susannah McLaren
Head of Responsible Sourcing &
Sustainability at Cobalt Institute



A Deep Dive into Lithium-Ion Battery Cell
Components

Sheida Isikli
BatteryMBA Course Co-Ordinator
& Battery Expert



The Solid-State Battery, from a Beacon of
Hope to a Game Changer

Xiaohan Wu
Senior Expert at Porsche
Consulting



Factory Planning Beyond Manufacturing

Kathleen Wagner
Interim Manager at Protofo
Interim Performance



BESS Business

John O'Toole
Director of UK Asset
Management at Amp Energy



Batteries in Aerospace

Kush Sutaria
Battery Engineer at Axiom Space



Opportunities and Challenges in Li-Ion
Battery Recycling

Max Hickey
Business Development Manager
at Li-Cycle



EU Policy, Gigafactories and the Critical Raw
Materials Act

Julia Poliscanova
Senior Director, Vehicles &
Emobility at T&E



Investing in Batteries

Yair Shacked
Founder of GIGADAYS



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PREVIOUS LECTURES (ACCESSIBLE TO ALL)

JANUARY - MARCH 2023

Lecture topic

Lecturer

The Lithium-Ion Battery Value Chain & Strategies

Celine Büchel & Theresa Haisch
Consultants at Roland Berger



Mining and Brine Extraction for Battery Minerals – How it Works and Why it Lags Behind Demand

Tommi Valkonen
Strategy Manager at Sandvik



Life Cycle Analysis:
A Case Study from Cobalt

Tom Fairlie
Senior Sustainability Manager at Cobalt Institute



Future-Proofing Cathode Active Material Manufacturing

Virginia Klausmeier
President & CEO at Sylvatex



Understanding How to Build & Run Battery MegaFactories

Fergal Harrington-Beatty
Head of Sales at AMTE Power



Battery Integration & BMS & Thermal Runaway

Wenzel Prochazka
Senior Product Manager Battery Systems at AVL



Maritime Electrification and Zero-Emissions Vessels

Carlos Freire
Marine Battery Expert & Senior Onboard Electronics Consultant



Challenges and Opportunities in Lithium-Ion Battery Recycling

Mark Strauss
R&D Chemical Engineer at Aqua Metals



Investing and Finance Needs for the Battery Sector

Ian Laurent
Managing Technical Director at BNP Paribas



How the Energy Transition Moves Our World

Gerard Reid
Co-Founder and Partner at Alexa Capital



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PREVIOUS LECTURES (ACCESSIBLE TO ALL)

SEPTEMBER - DECEMBER 2022

Lecture topic

Lecturer

Lithium-Ion (EV) Battery Market and Supply Chain

Wolfgang Bernhart
Senior Partner at Roland Berger



U.S. Battery Programs, Policies, and Funding Opportunities

Emma Bishop
Assistant Vice President at Venn Strategies



Lithium-ion Battery Cell, Module & Pack Design for Integration

Wenzel Prochazka
Senior Product Manager Battery Systems at AVL



Using Advanced Techniques to Investigate Batteries During Cycling

Claire Villeveille
Research Director at CNRS



Sodium-Ion Battery Cells

Fergal Harrington-Beatty
Head of EVs at AMTE Power



Insights into High Performance Battery Systems

Wasim Sarwar Dilov
Head of Research and Advanced Engineering at Rimac Automobili



Battery Energy Storage System (BESS) and Net Zero Electricity

Patricia Darez
Managing Director at 350renewables



Battery Manufacturing Pilot Plant from Real to Digital Space

Elixabete Ayerbe Olano
Team Leader at CIDETEC Energy Storage



Battery Recycling: Recovery of Critical Energy Materials

Teija Mortvedt
Former Chemical Process Engineer at Tesla



Tracking the Disruptive Battery Industry and its Opportunities for Europe

Evan Horetsky
Partner at McKinsey & Company



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PREVIOUS LECTURES (ACCESSIBLE TO ALL)

MAY - JULY 2022

Lecture topic

Lecturer

Common Misconceptions about Batteries - Reloaded

Claudius Jehle
CEO at volytica diagnostic



Responsible Cobalt Sourcing

Anne-Marie Fleury
Director Cobalt at Glencore



How to set up a Battery Factory

Nemanja Mikac
CEO at ElevenEs



High Power Cells

Fergal Harrington-Beatty
Head of EVs at AMTE Power



2nd Life Batteries

Jon Asin
Co-founder & CEO BeePlanet



Battery Packs - Flexible Manufacturing

Hakan T. Yilmaz
Manager Business Development - eMobility Europe Manager at ABB



Solid-State Lithium-Metal Batteries

Jordi Sastre
Senior battery engineer at QuantumScape



European Battery Policy: How Regulation can make EU Leader in Green Batteries

Julia Poliscanova
eMobility lead at Transport & Environment



V2G Charging Infrastructure

Claire Miller
Director of Technology & Innovation Director at OctopusEV



Battery Investments in the New Economic Cycle

Katherine He
Co-founder Battery Bits - Energy investment at TDK Ventures



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JANUARY - MARCH 2022

Lecture topic

Lecturer

What is Behind Falling Battery Prices and can this continue?

James Frith
Principal at Volta Energy
Technologies



Stationary Batteries

Maggie Teliska
Innovation at Enel Green Power



Battery Data and Diagnostics (Machine Learning)

David Howey
Professor of Engineering Science
at the University of Oxford



Battery Policy and Battery Passport

Tilman Vahle
Co-Lead Mobility Platform at
SYSTEMIQ Ltd.



Cells to Pack, and Back

Joachim Döhner
Senior Director of Global Sales
at KUKA systems GmbH



Green Battery Cell Manufacturing

Katja Fröhlich
Senior Research Engineer
at AIT



Lithium-Mining and Sustainability

Jeremy Wrathall, CEO at Cornish
Lithium Ltd
Rebecca Paisley, Exploration
Geochemist at Cornish Lithium Ltd



Battery and the Innovation Ecosystem in the UK

Jacqui Murray
Director of the Battery Faraday
Challenge at Innovate UK



Common Misconceptions Around Batteries

Claudius Jehle
Co-founder and CEO at volylica
diagnostics



The Future of Energy

Gerard Reid
Co-founder at Alexa Capital



PREVIOUS LECTURES (ACCESSIBLE TO ALL)

SEPTEMBER - DECEMBER 2021

Lecture topic

Lecturer

Battery Usage in Electric Vehicles

Lisset Urrutia
Head of Research &
Development at SVOLT Europe



Green Batteries through Computational Life
Cycle Engineering

Felipe Cerdas
Head of Research Department Life
Cycle Engineering at Technische
Universität Braunschweig



Lithium Ion Battery Anode Technology

Jill Pestana
Director of Technical Program
Management at Electric Goddess



Towards an Electrified & Sustainable Future:
Overview of Lithium Ion Battery Cathode
Materials

Christian Rüdiger
Director of Strategic Partnerships &
Government Affairs at
Johnson Matthey



Mass Customisation: How Energy Storage
Deployments will Scale 100K in the Space of
20 years

Marek Kubik
Managing Director at Fluence
Energy



Studying Battery Behaviour using
Electrochemical Impedance Spectroscopy

Mariam Awara
COO at Pulsenics



Helping Manufacturers to Achieve Net-Zero

Douglas Poensgen
Co-founder & CEO at Circulor



Energy Storage Technologies in the Power
System

Pilar Gonzalez
Innovation Manager at Iberdrola
Venture Capital



Battery Giga Manufacturing

Claudia Vergueiro Massei
CEO of Siemens Oman



Battery Industrialisation - How to setup a
battery cell production

Benedikt Konersmann
Team Lead E-Mobility
Industrialisation at P3



PREVIOUS LECTURES (ACCESSIBLE TO ALL)

MAY - JULY 2021

Lecture topic

Lecturer

Customising Li-ion Cells from the First Materials Tests to Series Production

Matthias Fesser
Business Development Manager
at Customcells



The Critical Role of Storage in our World - Key Questions and Discussion Points

Gerard Reid
Co-founder at Alexa capital



Batteries from scratch - Understanding Lithium-Ion Batteries from the Materials Up

Sam Cooper
Senior Lecturer at Imperial College London



SOH - Li-Ion-Battery Basics, A Non-Chemist Application-Centered

Claudius Jehle
Managing Director / CEO
at volytica diagnostics



Electrical Interconnection & Energy Storage as Key Technologies for Enabling the Future Energy System

Gerhard Salge
CTO Hitachi ABB Power Grids



Hot N Cold Batteries - Overview of Battery Thermal Management System's Designs & Concepts

Katherine Kan
Co-Founder of Rovilus



Batteries for Energy Access

Harini Hewa Dewage
Energy Storage & Off-Grid Sector
Consultant



End-of-life Management of Lithium-Ion Batteries Today and in the Future

Hans Eric Melin
Managing Director at Circular Energy Storage



Digital Twin in Battery Manufacturing

Claudia Vergueiro Massei
CEO of Siemens Oman



Battery and Energy Storage Safety Codes and Standards

Ryan Franks
Senior Mechanical Engineer at Pacific Northwest National Laboratory



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JANUARY - MARCH 2021

Lecture topic

Lecturer

Cleantech Finance: "Who wants a Faster Horse?" Living in an Age of Disruption

Gerard Reid
Co-founder at Alexa capital



Customizing Lithium-Ion Cells - From The First Material Tests to Series Production

Matthias Fesser
Business Development Manager
at Customcells



Li-Ion Battery Basics: A Non-Chemist Application-Centered Approach

Claudius Jehle
Managing Director / CEO
at volytica diagnostics



Why you Need to Write a Battery Biography

Veronika Wright
Electrified Veronika (formerly
AVL)



Battery End-Of-Life Management and Policies

Bhavya Jha
EU Battery Directive Specialist



Factory Line Performance and Precision Engineering

Mariano Sydney Rubio
Former Automobile Engineer at
SEAT



Data and Optimisation in Manufacturing

Marc Jensen
Product Director at Decoded



Energy Storage: A Key Enabler for the Energy Transition

Maxine Ghavi
Head of Grid Edge Solutions
at Hitachi ABB Power Grids



Electric Mobility: Strategic Perspectives on Batteries

Srinath Rengarajan
Global Head of Automotive
Research at Oliver Wyman



Career Transition in the Energy Storage Sector

Claudia Vergueiro Massei
CEO of Siemens Oman



WHO IS THIS PROGRAMME FOR

This programme is open to all battery enthusiasts with some level of battery knowledge and a motivation to evolve in their career. The programme is fit for full-time professionals.

HOW TO APPLY

- 1) Visit www.battery.mba/enroll and fill out our simple form.
 - 2) Await to be contacted for an interview.
- Applications are being reviewed on a rolling basis.

PROGRAMME COST

The course fee for the 12-week programme is 2000€ per person. The fee can be paid in 4 instalments of 500€.

A 20% discount is available for companies and organisations who become company members of Battery Associates.

SCHOLARSHIP

Need-based scholarships for individuals with limited financial means and backgrounds that are underrepresented in the battery sector are available. Learn more at: www.battery.mba/enroll

ABOUT US

Battery Associates is an impact-led company working towards sustainable battery innovation. In 2021, we launched **BatteryMBA** to offer a sector-specific training for the next generation of battery leaders worldwide. To learn more, visit us at: www.battery.associates & www.battery.mba

Battery Associates

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TESTIMONIALS

Hear what our participants have to say about BatteryMBA:



"A highlight of the BatteryMBA is the high participation of women. If we want the battery industry to thrive, (...) we need a diverse group of future leaders."

Paula, BatteryMBA participant

"Being able to talk to various people, like scientists, consultants, people from the investment side, data, analytics (...), you get a broader understanding of the dynamics that control the battery industry."

Crystal, BatteryMBA participant



"I would recommend this programme both to those who are new and trying to get into this battery field, and to somebody who has been in this field for 20 years."

Anurag, BatteryMBA participant

"These 3 months together have allowed me to expand my knowledge about the EV battery sector. As someone who entered the course with a limited foundation regarding the battery space, this course challenged me to expand my proficiency in battery manufacturing, recycling (...)."

Alan, BatteryMBA participant



Watch our [testimonial video](#) and [read what others have to say!](#)

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TESTIMONIALS

Hear what our participants have to say about BatteryMBA:



"Hearing lectures from well-noted Battery Professionals both from the academia and the industry have opened my eyes to the possibility of running and playing my own game with confidence. Experts from different battery industries and energy sectors were gathered to make the program very informative and interactive."

Rose-Marie, BatteryMBA participant

Based on reviews received from participants:

95%



Would recommend
BatteryMBA to others

9/10



Overall
satisfaction rate

99%



Said BatteryMBA met
or exceeded their
expectations

Watch our [testimonial video](#) and [read what others have to say!](#)

JOIN BATTERYMBA TODAY



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